

Matrix of Goals and Objectives

The following set of Objectives has been defined as necessary for meeting the Goals of this Plan. The Objectives are listed under the Goal to which they will most directly contribute, along with milestones and indicators to measure progress. There is also a column cross-referencing other Goals, since many Objectives relate to more than one. These inter-relationships underscore the need for an integrated approach to water resource management. The milestones and indicators are included to suggest time frames for interim results and a means of measuring success. They are subject to change.

#	OBJECTIVES	MILESTONE	INDICATOR	SUPPORTS GOAL
GOAL 1.1: BALANCING USE AND ECOLOGICAL INTEGRITY				
1.1.A	Develop an integrated resource management strategy to determine amount of water available for allocation considering: 1) Water budget 2) In-stream flow needs 3) Ground water availability 4) Assessment tools 5) Degree of hydrologic/biologic disruption	By 2005: Ground water availability and water budget pilot studies completed	Use of tools in policy evaluation	1.1, 1.2, 1.3, 4.2
		By 2006: Assessment tools developed		
		By 2007: Water budgets completed for all watersheds at appropriate scale		
1.1.B	Assess the ecological integrity of watersheds and integrate the criteria into water allocation strategies	By 2007: In-stream flow needs established, criteria developed	Improvement of monitored biologic and hydrologic criteria	1.1, 1.3, 1.4, 3.1, 3.2, 4.2
		By 2007: Natural hydrograph established at appropriate scale		
		By 2008: Ecological needs incorporated into reservoir operations and allocation decisions		
1.1.C	Discourage and where necessary manage any expanded or future transfers of water and wastewater into or out of the Basin to minimize and mitigate environmental or other negative impacts, while giving consideration to feasible alternatives, the water needs of the sending basin, and the efficient use in the receiving basin of available resources	By 2006: Criteria developed for evaluating interbasin transfers	Environmental and other negative impacts of interbasin transfers minimized	1.1, 1.2, 1.3, 1.4, 2.3, 4.1
1.1.D	Assess existing transfers of water and wastewater in to or out of the Basin in light of changes, such as new water resource management strategies, technologies, storage, planning, and/or demand	By 2005: Include as part of docket, permit review, etc.		
1.1.E	Manage future and expanded transfers of water and wastewater among watersheds to minimize and mitigate environmental or other negative impacts, while giving consideration to feasible alternatives, the water needs of sending watershed and the efficient use in the receiving watershed of available resources	By 2010: Guidelines developed for balancing needs among watersheds	Watersheds accommodate planned growth with minimal environmental impacts	1.1, 1.2, 1.3, 1.4
1.1.F	Assess existing watershed transfers of water and wastewater in light of changes, such as new water resource management strategies, technologies, storage, planning, and/or demand	By 2007: Include as part of docket, permit review, etc.		

#	OBJECTIVES	MILESTONE	INDICATOR	SUPPORTS GOAL
1.1.G	For future droughts ensure the equitable allocation of water supplies for essential domestic, commercial, industrial, power generation, and agricultural uses, while maintaining ecological integrity of aquatic ecosystems	By 2006: Agreement on principles for water use curtailment during droughts	Reduced environmental and economic severity of drought impacts	1.1, 1.3, 1.4, 4.1
GOAL 1.2: MEETING ECOSYSTEM NEEDS				
1.2.A	Integrate in-stream flow and estuary fresh water inflow requirements for the support of healthy aquatic ecosystems into water resource regulations and decision-making	2005 - 2010: Criteria developed and adopted into allocation and operation strategies	Improvement of monitored biologic criteria	1.2, 1.3, 2.2, 2.3, 3.1
1.2.B	Where water quality meets or is better than standards for the protection of aquatic and wildlife, implement anti-degradation regulations, policies and/or other mechanisms to maintain or improve existing water quality	On-going: Agreement on necessary anti-degradation measures	No measurable degradation of water quality	1.2
1.2.C	Where water quality is not sufficient to protect aquatic life and wildlife employ strategies to provide protection through the implementation of TMDLs and other regulatory and non-regulatory means	Varies: Meet TMDL schedules	Improvement in parameters of concern	1.2
		By 2006: Develop criteria protective of wildlife	Improvement in metrics for wildlife health	
GOAL 1.3: MEETING OFF-STREAM NEEDS				
1.3.A	For normal hydrologic conditions ensure supplies for projected public and self-supplied domestic, commercial, industrial, agricultural, and power generation demands through 2030	By 2006: Water use projections completed	No reported supply shortages under normal conditions	1.1, 1.2, 1.3, 1.4, 4.1
		By 2008: Agreement on strategies to meet future need		
1.3.B	Plan under drought of record conditions, to provide adequate supplies for projected public and self supplied domestic, commercial, industrial, agricultural, and power generation demands through 2030	By 2006 : Water use projections completed	No reported supply shortages under drought conditions	
		By 2008: Agreement on strategies to meet future need		
1.3.C	Ensure maximum feasible efficiency of water use across all sectors, prioritizing efforts based on the existence of watershed transfers and/or substantial consumptive use; including promoting water conservation technology and habits, leak detection and repair, pricing incentives, etc.	By 2008: Set efficiency measurements by sector	Measurable and improved efficiency of water use	1.1, 1.4
1.3.D	Increase the beneficial reuse and recycling of reclaimed water	By 2020: 250 mgd (or need to be determined based on projected demand)	Increase in beneficial reuse	1.1, 1.3, 1.4

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1.3.E	Where water quality meets or is better than standards for the protection of drinking water, implement anti-degradation regulations, policies and/or other mechanisms to maintain or improve existing water quality	On-going: Agreement on necessary anti-degradation regulations	No measurable degradation of water quality	1.3
1.3.F	Where water quality does not meet standards for the protection of drinking water, employ strategies to achieve standards through the implementation of TMDLs and/or other regulatory and non-regulatory means	Varies: Meet TMDL schedules	Improvement in parameters of concern	1.3
1.3.G	Protect the quality of public and industrial water supplies by preventing the isochlor from exceeding 180 ppm at river mile 98	On-going: No salinity impacts to public and industrial users	Salinity @ RM 98, stays below 180 PPM	1.1, 1.2, 1.3
GOAL 1.4: MEETING RECREATIONAL NEEDS				
1.4.A	Integrate consideration of flow regimes to support water-based recreation in the River and tributaries into allocation and management decisions	By 2006: Recreational flow needs quantified	Improved flows for water-based recreational activities	1.5, 2.2
1.4.B	Where water quality meets or is better than standards for the protection of recreational uses, implement anti-degradation regulations, policies, and/or other mechanisms to maintain or improve existing water quality	On-going: Agreement on necessary anti-degradation regulations	No measurable degradation of water quality	1.4
1.4.C	Where water quality does not meet standards for the protection of recreational uses employ strategies to achieve standards through the implementation of TMDLs and/or other mechanisms	Varies: Meet TMDL schedules	Improvement in parameters of concern	1.4
GOAL 2.1: PREVENT OR MINIMIZE FLOOD-INDUCED LOSS				
2.1.A	Upgrade and modernize flood warning and forecasting capabilities	By 2010: Completion of work plan steps as outlined in report: Recommendations to address Flood Warning Deficiencies, May 2002	Online availability of Advanced Hydrologic Prediction Service (AHPS)	2.1
2.1.B	Characterize flood damage risks; prioritize and implement actions to reduce risk and losses, and address human induced ecological impacts of hydromodification	2005 - 2010: Completion of state and county flood mitigation plans By 2010: Integrate flood mitigation and stormwater management in watershed communities	Compliance with Disaster Mitigation Act of 2000 Removal of streams from impaired list (303(d)) for reasons of hydro-modification	2.1, 3.4

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GOAL 2.2: ENHANCE RECREATION				
2.2.A	Develop a recreational water use and public access plan for the Basin that provides for: 1) Increased public access 2) Improved recreational experiences for all users through signage, guides, provision of destination points, linkage to other recreational opportunities, etc. 3) Increased availability of pump-out facilities, etc	2006: Partnerships formed and funding sources identified	Basin-wide Recreation Plan developed, with regional segments, 2006 - 2030	2.2
2.2.B	Develop identified recreational facilities and amenities per Basin-wide Recreation Plan	By 2010: 25% facilities and amenities completed	Increased recreational use of waterway corridor amenities	2.2
2.2.C	Create a continuous network of water trails for the river, tributaries and lakes	By 2010: 25% of trail network completed	Continuous network of water trails along tributaries, connected to main stem	2.2
		By 2020: Trail network completed		
2.2.D	Reduce or prevent generation of debris and trash and expand clean up programs in river and tributaries	Establish Baseline: 10% annual increase in debris collected	Ongoing programs adequately staffed and funded	2.2, 5.2, 5.4
		On going: 10% annual increase in volunteer river cleanup programs	No unsafe conditions on river and tributaries. No flood damages due to debris	
2.2.E	Develop an inter-state campaign to promote the Basin as a recreation and tourist destination	By 2007: Strategy developed to promote assets defined in Basin-wide Recreation Plan	Increase in Basin recreational advertisements	2.2
2.2.F	Ensure that recreational uses do not impair the ecological integrity of aquatic and riparian ecosystems	By 2006 Baseline: Recreational impacts identified	Reduction in pollution inputs from recreational uses	2.3, 1.2
		By 2010: Development of recreational BMP manual	Recreation impacts reduced	
2.2.G	Support and encourage watershed communities to incorporate water-based recreational assets in planning and management, including requirements in subdivision ordinances	By 2006: Workshops provided for public officials and building industry	Increased recreational access and support for local waterway corridor use and protection	2.2, 3.5
		By 2010: Requirements such as public access included in local ordinances		

#	OBJECTIVES	MILESTONE	INDICATOR	SUPPORTS GOAL
GOAL 2.3: PROTECT AND RESTORE ECOSYSTEMS				
2.3.A	Implement conservation plans for populations, assemblages and communities of indigenous aquatic and terrestrial plants and animals (Consider habitat needs for water quality and availability, reproduction, food supply and refuge from predation)	By 2008: Define critical habitat and food sources	Locally optimal measures of diversity, richness, balance, abundance, integrity and resilience	2.3
		By 2010: Set criteria for protection and restoration	Locally optimal measures of habitat	
		By 2015: Plans developed for key species or communities	Refer to DELEP indicators	
2.3.B	Implement fisheries management plans to sustain commercially and recreationally important species of the Basin	Dates per management plans: Targets met for key species: shad, oysters, horseshoe crabs, etc.	An indicator per relevant management plans in place	2.3
2.3.C	Increase the quality, diversity and function of wetlands throughout the Basin.	By 2005: Set assessment criteria	20% increase in functioning wetland acres, 2007 baseline, by 2030	2.3, 3.3
		By 2007: Watershed based assessments of wetland function, protection and restoration opportunities		
2.3.D	Implement strategies to protect critical riparian and aquatic habitat	By 2006: Critical habitats identified, mapped and prioritized	20% increase in critical habitat protection and restoration by 2030	2.3
		By 2008: Protection and restoration strategies developed and adopted		
2.3.E	Implement invasive species management throughout the Basin	By 2008: Management plans developed	Plans implemented 2008	2.3
2.3.F	Improve the beneficial use of dredged materials in habitat restoration	By 2008: Plans developed	Plans implemented	2.3
2.3.G	Prioritize and remove impediments to fish passage	By 2008: 5% increase in miles/acres of streams opened to migratory species, such as River herring	Maximum stream miles without impediments	2.3
2.3.H	Stabilize stream channels based on systemic analysis of causes of instability	By 2006: Identify areas of instability and causes	Miles of streams with natural stability	2.3, 2.1, 3.3
		By 2008: Prioritize restoration opportunities in a watershed framework	20% increase over 2006 baseline by 2030	

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GOAL 3.1: RESTORATION OF HYDROLOGIC INTEGRITY				
3.1.A	Encourage and support land use designs that maintain pre-development response to storm events with respect to infiltration and runoff volume, velocity, and quality	By 2007: Watershed-based stormwater management plans developed and adopted that maximize infiltration while avoiding ground water mounding and minimize site disturbance	Streams and surface waters are less impacted from storm events, floods stream blowouts and sedimentation are minimized and stream base flows are maintained or enhanced with water quality improvements realized	3.4, 1.2, 1.3, 2.1, 2.3
3.1.B	Address adverse effects from existing land use practices	By 2006: Criteria developed for land management practices • Watersheds evaluated and prioritized for remediation efforts	Targeted watersheds receive priority funding for mitigation of existing impacts • Water quality improvements in watersheds identified	3.4
3.1.C	Discourage land use and stormwater management practices that exacerbate hazardous conditions, e.g. sinkholes, flooding, etc	By 2006: Areas especially vulnerable to impacts from development (e.g., karst geology) identified.	Watershed communities adopt protection standards	3.4, 2.1
		By 2007: Standards established to protect areas and prevent hazardous conditions		
GOAL 3.2: WATER RESOURCE LANDSCAPES				
3.2.A	Map High Value Water Resource Areas (HVVRA) and assist watershed communities and stakeholders in prioritizing these resources for protection or special management	By 2008: Priority areas protected or managed in plans and ordinances • Guidance document prepared	Functions of HVVRA are maintained	3.3, 2.1, 2.3, 4.1, 4.2
3.2.B	Develop guidance for performance standards that protect the function of High Value Water Resources	By 2010: Functional performance standards established for HVVRA	(Note: Performance standards may differ from state to state and among regions of the Basin.) • Ordinances and regulations include performance standards for HVVRA	3.3, 4.2, 2.1, 2.3, 4.1, 4.2, 4.4
3.2.C	Encourage and assist watershed communities and stakeholders to prioritize HVWRAs for land preservation programs	By 2006: Landscapes of water resource value identified and prioritized for protection	Watershed communities protect valuable acres of water resource landscapes	3.3, 4.1, 4.2, 4.4, 5.2, 5.3, 5.4
		By 2010: High value areas included in land preservation programs	Acres HVVRA preserved	
3.2.D	Minimize contamination threats to drinking water supplies utilizing information from source water assessment programs	By 2008: Protection efforts prioritized and funded	Source water protection plan implemented	1.3, 3.1, 3.3

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GOAL 3.3: WATER RESOURCE CONSIDERATIONS AND LAND USE PLANNING				
3.3.A	Develop watershed assessments to identify priority water resource issues that should be considered in community land use plans and ordinances	By 2006-2008: Watershed assessments are accessible via web By 2007-2010: Issues prioritized	Watershed assessments completed with available data	1.1, 3.1, 4.2
3.3.B	Encourage and support watershed communities to work together on regional planning and growth management	By 2006: Watershed assessments used for water resource protection and planning	Multi-municipal plans adopted • Watershed-based growth management embraced by states and communities	3.1
3.3.C	Ensure availability and use of land and water resources data, analytical tools and models to guide local and regional land use and growth management planning and decision-making	By 2007: Data tools and models on the internet with instructional workshops offered	Watershed communities use available data and tools to assess alternative development scenarios with communities incorporating conservation design ordinances	3.1
3.3.D	Adopt and implement plans and ordinances that incorporate scientifically sound and legally implementable provisions for the protection and enhancement of water resources [States to support & encourage; local & county government to implement; private and non-governmental organizations to partner]	By 2007: Model water resource elements and ordinances developed	Communities incorporate conservation design ordinances • Most plans and ordinances updated with water resource elements • Watershed communities adopt low impact and conservation ordinances	3.1
3.3.E	Include integrated water resource elements in local, multi-municipal, regional, and state agency and authorities' plans, regulations, and decision-making processes	By 2007: Concurrent planning for water and wastewater infrastructure • Coordination among water resource agencies, environmental programs and community planning.	Integrated water resource issues are addressed through coordinated planning efforts with all water resource regulatory entities	3.1
GOAL 3.4: DEVELOPMENT, REDEVELOPMENT AND WATER RESOURCES				
3.4.A	Identify and prioritize areas that would benefit environmentally and economically from redevelopment, taking into consideration water supply and wastewater infrastructure capacity	By 2006: Appropriate areas identified and prioritized for improvements and redevelopment	Redevelopment will be located in appropriate, targeted areas	3.2
3.4.B	Develop criteria and incentives to be applied during coordinated review processes that facilitate development and re-development consistent with the goal	By 2008: Incentives and criteria for review are established • A coordinated review process is implemented	Incentives encourage growth in areas with adequate infrastructure	3.2
3.4.C	Develop criteria and disincentives to be applied during coordinated review processes that discourage development, and redevelopment inconsistent with the goal	By 2008: Disincentives and criteria for review are established • A coordinated review process is implemented	Disincentives encourage growth in areas with adequate infrastructure	3.2

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GOAL 3.5: STRENGTHEN CONNECTIONS TO WATERWAYS				
3.5.A	Encourage waterside re-development, that emphasizes public access as well as aesthetic, historic, recreational and cultural values	By 2006: Waterside redevelopment areas prioritized	Abandoned waterside properties are revitalized	2.2, 3.1, 3.5
		By 2008: Plan for infrastructure improvements as necessary	Public access, cultural, historic, recreational and educational design elements are emphasized for the community	
		By 2008: Public-private partnerships established for urban waterside redevelopment projects		
3.5.B	Create waterway transit opportunities for residents, commuters and visitors	By 2006: Assessments of transit opportunities	Increased use of waterway transit	3.5
		By 2008: Public and private investment in waterway transit modes		
GOAL 4.1: IMPROVE COORDINATION AND COOPERATION				
4.1.A	Achieve consistency in the implementation of water quality standards that apply to the shared waters of the Basin	Baseline 2005, 3-year reviews: Development of a common set of water quality criteria for shared waters	Maintenance of water quality to meet criteria	1.2, 1.3, 1.4, 4.1
4.1.B	Ensure at state boundaries that downstream state water quality standards are attained	Baseline 2005, 3-year reviews	Maintenance of water quality to meet criteria	
4.1.C	Achieve comparable monitoring, documentation and accurate reporting of data that involve the basin-wide water resources of the Basin	By 2006: QA/QC protocols and reporting methods are compatible for water resource assessment purposes		1.1, 1.2, 1.3, 1.4, 2.3, 4.1
4.1.D	Achieve consistency in protection of public health in regard to consuming fish and shellfish, due to chemical contamination, in regard to the shared waters of the Basin	By 2006: Share data and monitoring results • Consistent message to public for shared waters • Public awareness program is implemented		4.1
4.1.E	Achieve consistency in content and communication of advice for primary contact recreational use of shared waters	By 2006: System created for developing and communicating consistent advice regarding primary and secondary contact in shared waters to protect human health and safety	Advisories issued when necessary to protect human health (e.g., from bacteria) and safety (e.g., high flows and debris)	1.4, 4.1

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4.1.F	For future drought conditions, improve exchange of hydrologic information, drought status reports, and drought restrictions among DRBC, states, and public	By 2005: Continued refinement of drought indicators and reporting	Up-to-date web page on drought conditions and restrictions	1.1, 4.1
			DRBC and states set consistent drought declaration and water use advice, states on record then will act independently as to criteria which trigger declarations and will issue their own water conservation initiatives	
4.1.G	Foster communication among state and local watershed programs and processes	By 2008: Uncomplicated exchange of information and data among local watersheds and state agencies	Water resources information is easily accessible and current	3.3, 4.1
4.1.H	Improve coordination of stormwater management programs and practices	By 2008		
4.1.I	Encourage communication for water resource planning among the watershed communities and counties within a watershed	By 2010: Integrated water resource plans are used as planning tools		3.3; 4.1; 5.4
4.1.J	Improve coordination among State Coastal Zone Management programs	By 2010: Basin Plan Objectives incorporated into CZM programs		3.4, 3.5, 4.1
4.1.K	Improve coordination for invasive species management			1.1, 2.3, 4.1
4.1.L	Evaluate and coordinate funding for flood mitigation	2005 - 2010: FEMA, NRCS, Corps coordinate funding for compliance with Disaster Mitigation Act 2000	Single source of information for federal flood mitigation funding	2.1, 3.1, 4.1
4.1.M	Support and implement watershed-based trading, where appropriate, as a tool to complement traditional approaches to water quality management and improvement	2005 - 2006: Pilot study determining need, opportunities, and potential constraints completed		
		2006 - 2007: Pollutant trading ratios, project control measures and responsibilities suggested		
GOAL 4.2: DATA SHARING AND MANAGEMENT				
4.2.A	Complete framework data layers for the entire basin plus several selected GIS layers accessible via the internet	By 2005: Completion of basin-wide database	Number of Internet hits and user surveys	3.3, 4.2
4.2.B	Make digital data layers and water-related databases available to view and download, integrated across political boundaries	By 2006	Number of Internet hits and user surveys	3.3, 4.2

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4.2.C	Develop a database of ongoing management activities to foster partnerships and reduce duplication of efforts	By 2006: Water resources programs and DRB network /clearing house is operational	Benchmark and pilot efforts are tracked and available for review	3.3, 4.2, 5.2, 5.3, 5.4
4.2.D	Improve methods of communication with and among local governments on DRB issues and provide adequate opportunities for discussion of key issues			
GOAL 4.3: SECURE ADEQUATE RESOURCES				
4.3.A	Inventory existing resources and identify gaps to implement Basin Plan Objectives	1 year post-adoption: Inventory completed 3 year reviews, including resource availability: All baseline tasks completed within timeframes	Effective and efficient range of funding sources that support water resource plans throughout the Basin	4.3
4.3.B	Explore additional resource opportunities	2004 baseline; 3-year reviews	3-year assessments of implementation, include resource availability	
4.3.C	Increase opportunities to leverage federal, state and other funds for water resource planning, protection and restoration		Integration of Basin Plan activities with federal and state program funding.	4.1
GOAL 4.4: BASIN PARTNERS/PLAN IMPLEMENTATION				
4.4.A	Create or enhance formal partnerships for the purpose of implementing the Basin Plan Objectives	2005 baseline, 3-year reviews: MOUs, joint work plans, Commission resolutions	# MOUs, joint work plans, and resolutions developed to implement Basin Plan Objectives • # Federal, state and local projects consistent with Basin Plan	
GOAL 4.5: UTILIZE THE PLANNING AND REGULATORY POWER/AUTHORITY OF DRBC				
4.5	Enhance DRBC Comprehensive Plan to promote coordination and achievement of the Basin Plan Objectives	By 2005: Basin Plan adopted 2005 - 2006: CP updated	State of Basin Report 2005 Tri-annual reporting on implementation progress	4.5
GOAL 5.1: ESTABLISH A BASIN-WIDE SENSE OF PLACE				
5.1.A	Create awareness and understanding of the River and associated resources so that citizens, businesses and officials are motivated to describe their home or place of business in terms of their watershed	By 2006: Establish mechanisms on education and involvement to instill awareness of and pride in the Basin		
5.1.B	Create awareness and understanding of the River and associated resources so that citizens, businesses and officials are motivated to act in ways that help protect and restore the watershed	By 2006		

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5.1.C	Continue and expand the use of Internet and mass media resources to educate the public about water resources use, waterway corridor management, land management for water resources protection, institutional cooperation and coordination for water resource management, and education for water resource management and stewardship (Revised 5.3.A)	On-going: More exposure of DRB topics and events in media. Provide DRB focused PR workshops for Watersheds, state officials' conservation groups, etc.	Increased participation in water resource programs and activities and increased coverage of water resource issues in the media	4, 5.2
5.1.D	Maintain a clearinghouse for information on local watershed efforts, such as river conservation plans, restoration and preservation efforts – and opportunities for financial and technical assistance (Revised 5.3.B)	By 2005: Web-based data base for watershed activity in the DRB	More effective and efficient watershed planning efforts	3.1, 4, 5.2
5.1.E	Make education and outreach a priority to achieve public awareness and personal involvement on behalf of the Basin and local watersheds (Revised 5.3.C)	By 2006: Regular educational and outreach releases to the media	Increased requests from public about water resources and improved water quality	4, 5.2
5.1.F	Increase participation in volunteer water resource projects and programs in the Basin (Revised 5.3.D)	By 2010: 25% increase of volunteers for Basin water resource projects	Tracking system for Basin volunteers and projects	5.2
5.1.G	Increase the number of projects, programs and opportunities for citizen participation in water resources management protection and enhancement by 25% (Revised 5.3.E)	By 2010: Tracking system for DRB volunteers and projects in place with a 25% increase in opportunities for participation and in Basin volunteerism	Number of projects and number of volunteers	4, 5.2
5.1.H	Engage under-represented populations in DRB water resource issues and stewardship (Revised 5.3.F)	By 2005: Under represented groups included in planning, events, and promotions	Diverse population participating at events, programs and in decision-making	5.2
5.1.I	Implement a watershed signage program for the main stem Delaware River and all of its major Tributaries, on all state and interstate highways in the Basin (Revised 5.3.G)	By 2005: Signs for all sub-basins and major tributaries at road crossings and boundaries	Increased awareness of watershed boundaries in DRB	5.2
5.1.J	Provide information to enhance the ability of citizen and community groups to participate in restoration activities on their property and in their local watersheds (Revised 5.3.H)	By 2007: Distribution networks refined and operating	Improved water quality from non-point sources and an increase in watershed activities	5.2
GOAL 5.2: INCREASE STUDENT AND YOUTH AWARENESS				
5.2.A	Develop and initiate a strategy to incorporate watershed curricula in the education standards of the four Basin states	By 2008: All school districts and private schools integrate watershed material in curricula with materials available for home schooling	All students in Basin know their watershed address	4, 5.1

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5.2.B	Provide a water resources related outdoor experience for every student in the watershed before high school graduation	By 2010: Every student in DRB will have a hands-on outdoor experience by high school graduation	Students will know about water resources and land use	5.1
5.2.C	Continue to promote and expand school programs that provide active participation in watershed protection, restoration, monitoring and awareness building	On-going: Every school district has an annual snapshot-like event and science clubs have a DRB related project	Every school district has a watershed or stream project	5.1
5.2.D	Maintain a web-based clearinghouse specifically for educators	By 2005: Expanded Ed-Web capacity and content	Increased hits on Ed-Web	5.1
GOAL 5.3: INCREASE PUBLIC SECTOR AWARENESS				
5.3.A	Collect and disseminate to members of the commercial community information about water resources issues	By 2007: Materials developed and distributed	Private sector participation in water resource programs increased	5.3
5.3.B	Highlight demonstration projects that provide technology and information transfer to commercial interests in the Basin	By 2007: Private sector demonstration project in each sub-basin	Improvement in local watershed with copycat projects in DRB	5.3
5.3.C	Encourage private sector funding and participation in DRB partnerships, initiatives and enhancement endeavors	On-going		
GOAL 5.4: INCREASE PUBLIC OFFICIALS AWARENESS				
5.4.A	Provide outreach and technical assistance programs targeted at local public officials, professional staff and consultants	By 2005: Examples of watershed communities' innovative programs available	Local ordinances protect water resources with watershed communities working together	3.1, 5.4
5.4.B	Work with local governments to identify small watersheds where community-based actions are essential to meeting DRB preservation and restoration goals	By 2007: Watershed communities are working on water resource issues	Watershed management is at the local level	3.1, 4, 5.4
5.5.C	Work with watershed community officials and organizations, and supply resources to develop effective water resource programs	By 2008: Watershed communities are adopting and implementing effective programs	Watershed communities addressing shared concerns	3.1, 4, 5.4
5.5.D	Enhance funding for locally based programs that pursue restoration and protection projects	By 2007: Increased availability of Federal, State and private funds	Dollars available per annum and an average award per locality	

